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Product Evaluation Report

of

Euro-Wall Systems, LLC
Euro C3 Thermally Broken Transom with Mullion

for

Florida Product Approval

FL# 17432

Report No. 5229

6TH Edition (2017) Florida Building Code

Method:	**1 – D (Engineering Evaluation)**
Category:	**Windows**
Sub – Category:	**Fixed Windows**
Product:	***Euro-C3 Thermally Broken Transom with Mullion***
Material:	***6063-T5 Aluminum***
Product Dimensions:	***116-1/8" x 36"***

Prepared For:
Euro-Wall Systems, LLC
24100 Tiseo Blvd.
Port Charlotte, FL 33980

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 10/20/17

Contents:

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
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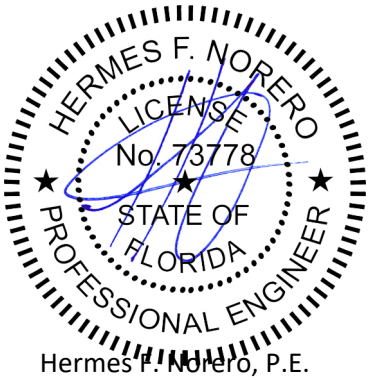

Hermes F. Norero, P.E.
Florida No. 73778

Manufacturer:	**Euro-Wall Systems, LLC**
Product Category:	Windows
Product Sub-Category:	Fixed Windows
Compliance Method:	State Product Approval Method (1)(d)
Product Name:	**Euro C3 Thermally Broken Transom with Mullion**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Euro-Wall Systems, LLC** based on Rule Chapter No. 61G20-3, Method 1d of the State of Florida Product Approval, Florida Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the 6th Edition (2017) Florida Building Code.

See Installation Instructions **EWS005**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the 6th Edition (2017) Florida Building Code, including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the 6th Edition (2017) Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **EWS005** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **EWS005** for size and design pressure limitations.
6. Mullion shown in Installation Instructions **EWS005** is under separate approval.

Quality Assurance: The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code and Rule 61G20-3 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation & Management Institute** (FBC Organization #: QUA1789).

Performance Standards: The product described herein has been tested per:

- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Architectural Testing – Tampa, FL**
   (FBC Organization # TST4311)
   Report #: D2745.01-401-18 Date: 08/01/14
   Test report reviewed by Shawn G. Collins, P.E., Florida P.E. No. 70655 on 08/01/14

2. Quality Assurance
   National Accreditation & Management Institute
   (FBC Organization #: QUA1789)

3. Material Certification
   Miami-Dade RER – Product Control Section NOA
   SentryGlas Interlayer by Kuraray America

Installation: 1. Approved anchor types and substrates are as follows:

A. For two by (2X) wood frame substrate, use **#10 Wood Screws** type wood frame anchors of sufficient length to achieve minimum embedment of 1.50" into wood framing.

B. For concrete or masonry substrate where one by (1X), non-structural, wood bucking is employed, use **3/16" diameter ITW Tapcon** type concrete screw anchors of sufficient length to achieve minimum embedment of 1.75" into concrete or masonry.

C. For concrete or masonry substrate where wood bucking is NOT employed, use **3/16" diameter ITW Tapcon** type concrete screw anchors of sufficient length to achieve minimum embedment of 1.75" into concrete or masonry.

D. For metal stud substrate, use **#10 self-tapping** type metal stud anchors of sufficient length to achieve a minimum of 3 threads of penetration beyond metal framing.

Refer to Installation Instructions (**EWS005**) for anchor spacing, edge distance, substrate requirements and further details of the installation requirements.

Design Pressure: **+60 / -60 PSF**